

ABSTRACT OF THE DISCLOSURE

An actuator/coil assembly (136) is disclosed where two different bonding operations are used. First, a bobbin (164) is overmolded to a coil (172), and a first overmolded part (176) is overmolded to both the coil (172) and a fan tail (152) of the actuator (140). The overmolding operation defines one or more adhesive receptacles (168) in the bobbin (164) on a perimeter that interfaces with the coil (172), and further defines one or more adhesive receptacles (180) in the first overmolded part (176) on a perimeter that interfaces with the coil (172) and that interfaces with the fan tail (152) of the actuator (140). Adhesive (184) is disposed within these receptacles (168, 180) to increase the stiffness of the actuator/coil assembly (136).